

Libra Energy - ROADMAP Inverters, Storage, Mounting Materials and EV

Perspective on Q2 and Q3 2024

Product Management

Check if products and/or combinations are permitted
in – and certified for - the country of installation.

March 2024 (Next update: May 2024)

Changes in the Productportfolio of Libra Energy (1)

Omvormers	When
APsystems	
APS-DS3D micro inverter, Dual, 1800VA, 1-phase, 7.8A, for 4 modules	Per direct
APS-Y3-STANDALONE1M, Y3 AC Bus Cable, 1-Phase, 1M, with socket for 1 DS3(D) micro	Per direct
SolarEdge	
SolarEdge S1400 Optimizer is expected	Q2 2024
SolarEdge Home Smart Energy Management Devices with Home Network. Can't be mixed with Zigbee Devices . The Inverter also needs to have Home Network. Home Load Controller (SEM-DCS-R08-00) / Home Smart Switch (SEM-SWT-R16-00) / Home Smart Socket DE, NL, ES, PT (SEM-SKT-F13-00)	Q2 2024
Solis	
Solis-S1-W4G-ST-4P-5 communication-stick, replaces Solis-S3-GPRS-ST (2G)	Q1 2024
GoodWe	
GW-CT90-5 Core Current Transformer for Powerlimiting of one Monophase GoodWe DNS or XS model Inverter	On Request
GW-WIFI-LAN-KIT-20, wifi / LAN / BT stick, USB, for MS G3+DNS G3 (DNS-30)+SDT G3 (SDT-30)+XS G3 (XS-30)+ES G2 (ES-20)+ ET 15-30kW (WLA0000-01-00P)	Q2 2024
GoodWe single phase single tracker inverters will move from XS-11 series to XS-30 (XS G3) series	Q2 2024
GoodWe 3-phase inverters will go from SDT-20 to SDT-30 (SDT G3) series	Q2/Q3 2024
Storage	When
Solis	
Solis Hybrids 3-phase inverters RHI series will be replaced by S6-EH3P series	Q2 2024
Solis Hybride 3-phase inverters S6-EH3P(12-20)K-H are expected	H2
Enphase	
Enphase IQ Battery will go from IQ Battery 3T and IQ Battery 10T to IQ Battery 5P	Q2/Q3 2024
Enphase COMMS-KIT-INT-02, Communication kit 2, necessary for communication between IQ Battery 5P and IQ Gateway Metered	Q2/Q3 2024
Enphase IQBATTERY-HNDL-5, Lifting Handles for IQ Battery 5P	Q2/Q3 2024
Enphase B05-PM-0550-O, Floor pedestal for IQ Battery 5P	Q2/Q3 2024

Changes in the Productportfolio of Libra Energy (2)

EV	When
Wallbox	
Wallbox Pulsar Plus socket	Q2 2024
Wallbox Pulsar Pro socket is expected	Q3-Q4 2024
Zaptec	
Zaptec Sense P1 loadbalancing solution	Q2 2024
Zaptec Go+ is expected	Q3-Q4 2024
Alfen	
Alfen DC 30 is expected	TBA
Accessories	When
Van der Valk	
Van der Valk PV-Shelter	Q1 2024
Mounting	When
Van der Valk	
Van der Valk ValkAce is expected	Q2 2024

Inverters

Perspective on Q2 and Q3 2024

Product Management

SolarEdge – Inverters



	Residential		Commercial		Commercial, also for 2:1 optimizers	
						
Series	SExxxxH-RW000BxN4	SExK-RWBTEBEN4 (short string)	SExK-RW0TEBEN4 SE12.5K-RW0T0BxN4	SE16K-RW0T0BNN4 SE17K-RW0T0BNN4	SExxK-RW00IBNM4	SExxK-RW00IBNQ4 SESUK-RWR0INNN4
Phase	1-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase
Power	2.2/3/3,5/3,68/4/ 5/6kW	3/4/5kW	4/5/6/7/8/9/10kW 12.5kW	16/17kW	20/25/30/33,3kW	66/90/100kW
Comment	SolarEdge Home Battery 400V ready	Min. of 8 PV Modules possible and SolarEdge Home Batterij 400V ready*				Synergymanager and secondary units
Stock	shop	shop	shop / SE12.5K	SE16K / SE17K	shop	shop

For prices and most recent availability, go to the Libra Energy Webshop: [SolarEdge inverters](#)

SolarEdge – Optimizers



Optimizer	Max. Wp	Max. Voc	Max. Isc	Comment	Stock
Residential					
S440	440	60	14,5	"standard" Optimizer for PV Modules up to and including 500Wp	shop
S500	500	60	15	Optimizer for PV Modules up to and including 500Wp	shop
S500B	500	125	15	Optimizer for PV Modules up to and including 500Wp, Short String	shop
S650B	650	85	15	Optimizer for PV Modules up to and including 650Wp (and for Short String)	shop
Commercial, starting at SE20K					
S1000 (2:1)	1000	125	15	For Two PV Modules up to and including 500Wp series connected	shop
S1200 (2:1)	1200	125	15	For Two PV Modules up to and including 600Wp series connected	shop



For prices and most recent availability, go to the Libra Energy Webshop: [SolarEdge optimizers](#)

Solis – Inverters



	Residential				Commercial			Utility
								
Serie	Solis-mini-xxxx-S6	Solis-xxK-S6	Solis-xK-S5-3P	Solis-xxK-S5	Solis-xxK-S5 Solis-xxK-5G-DC	Solis-xxK-S5	Solis-xxK-5G-PRO	Solis-255K-EHV-5G
Phase	Single Phase	Single Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase 800V
Power	0,7/1/1,5/2/ 2,5/3/3,6kW	2,5/3/3,6/4/5kW	3/4/5/6/8kW	10/12/15/20kW	25/30/33/36/40kW	50/60kW	80/100/110kW	255kW
No. MPPT	1 MPPT	2 MPPT's	2 MPPT's	2 MPPT's	3/4 MPPT's	5/6 MPPT's	6/8 MPPT's	14 MPPT's
Comment	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI	With AFCI
Stock	shop	shop	shop	shop	shop	shop	shop	On Request

For prices and most recent availability, go to the Libra Energy Webshop: [Solis omvormers](#)

GoodWe – Inverters

GOODWE



	Residential				Commercial				Utility
									
Series	GWxxxx-XS-11	GWxxxx-DNS-30	GWxxxx-SDT-20-WIFI	GWxxK-SDT-20-RS485	GWxxK-MT-RS485	GWxxKS-MT-AFCI	GW80K-MT-RS485	GWxxxK-HT	GW250K-HT
Phase	Single Phase	Single Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-Phase	3-fase 800V
Power	0,7/1/1,5/2/2,5/3kW	3/3,6/4,2/5kW	4/5/6/8kW	10/12/15/17/20kW	25/30/36kW	50/60kW	80kW	100/120kW	250kW
No. MPPT	1 MPPT	2 MPPT's	2 MPPT's	2 MPPT's	3 MPPT's	5/6 MPPT's	4 MPPT's	10/12 MPPT's	12 MPPT's
Comment						With AFCI	With AFCI	With AFCI	800V
Communication module	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED	GW-DLS-COMBINED
Stock	shop	shop	shop	shop	shop	shop	shop	shop	On Request

For prices and most recent availability, go to the Libra Energy Webshop: [GoodWe Inverters](#)

Product	Application	Comment	Stock
Micro Inverter			
1. Micro Inverter	Inverts directly from PV Module DC Voltage to AC grid Voltage	Currently the IQxPlus is the default. Max. Voc 60V, Imp 12A.	Shop
Energy Controllers for EV-Charging and heatpump			
HEMS-GW-01	IQ Energy Router		Shop
HEMS-HP-01	IQ Energy Router + Kit Assembly		Shop
Communication and Protection			
2. IQ Gateway	For Communication between Inverters and the Router	Standard or Metered. Were named Envoy before	Shop
3. CT split-core	Core Current	For 3-Phase Grid Location, two CT's extra needed. For 3-Phase Grid Location and 3-Phase PV-set, 4 CT's extra needed.	Shop
4. Q-relay	Protection. Has to be placed with every Installation.	Available as Single Phase - and as 3-Phase model. 3-Phase model is also for communication of Inverters on different Phases.	Shop
Cable and Connectors			
5. Q-Cable	Cable to connect Enphase micro-inverters	Different Cables available	Shop
6. Q-Connector	Individual Connectors to connect Q-Cable	E.g. to connect to rows of Micro's. Male and Female separately packed per 10.	Shop
7. Q-Seal	Sealing Cap for Male Connector		Shop
8. Q-Term	Endcap for Q-cable	To make open End of Q-Cable watertight	Shop
Miscellaneous			
9. Q-Disc	Unlock tool for Q-Cable / Micro-Inverter		Shop
10. comms-kit	IQ Battery communication kit	Neccessary for communication between battery and IQ Gateway Metered	Shop
11. comms-kit 2	IQ Battery 5P communication kit (COMMS-KIT-INT-02)	Necessary for communication between IQ Battery 5P and IQ Gateway Metered (wired)	Shop
12. Lifting Handles	Lifting Handles (IQBATTERY-HNDL-5)	Lifting handles for IQ Battery 5P	Shop
13. Pedestal	Vloerstandaard (B05-PM-0550-O)	Optional for IQ Battery 5P	Shop
14. Combinerbox	IQ Combinerbox 3P (X-IQ-EURO2303P41)	AC sub-distribution box for in total 2 PV- or Storage Circuits (each max. 16A)	Shop



1. Micro Inverter
IQ8+/ IQ8MC / IQ8AC / IQ8HC



2. IQ Gateway



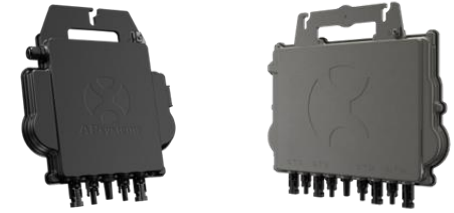
4. Q-relay 3-Phase



5. Q-cable

For prices and most recent availability, go to the Libra Energy Webshop: [Enphase Inverters](#)

Product	Application	Comment	Stock
Micro inverter Single Phase DS3 series (2 : 1), 3-Phase QT2 series (4:1)			
1. Micro Inverter	Inverts directly from PV Module DC Voltage to AC grid Voltage	Currently the DS3-L is the default. Outputpower 730VA. Max. Voc 60V, Imp 2x18A.	shop
AC-coupled inverter & battery			
ELS-5K	5000VA AC-coupled inverter for LV battery	For 1-phase connection	shop
AMPACE	6.5kWh LV APbattery	For ELS-5K	shop
Communication and Safety			
2. ECU	For communication between micro-inverters and the router (Zigbee)	For max. 400 PV Modules: ECU-R, standard; ECU-C, metered For max. 4 PV Modules: ECU-B	shop
3. CT-80A (CT-200A)	Core Current Transformer	If Single Phase Grid location: Two CT's needed. If 3-Phase Location (and Micro's on 3-Phase): 6 CT's needed.	shop
Cable and Connectors, Single Phase, for DS3 series micro's, APS-Y3-AC-			
4. BUS-2 / BUS-4	Single Phase Cable to connect DS3 series Micro-inverters with each other	Cables with different distance between Connectors available	shop
Y3-STANDALONE1M	1 meter kabel met contrastekker voor één DS3(D) micro-omvormer		shop
5. MALE / FEMALE	Connectors to connect APS bus cable (Y3-AC-BUS-2 / -4)	E.g. to connect two rows Micro's on a flat Roof. Male and Female separate available.	shop
6. CONN-CAP	Sealing Cap for unused Y-connector		shop
7. BUS-ENDCAP	Endcap for Y3-cable		shop
8. UNLOCK-TOOL	Tool to disconnect DS3 series Micro from Y3-cable		shop
Cable and Connectors, 3-Phase, for QT2 series micro's, APS-5C-AC-			
9. BUS-2.4	3-Phase Cable to connect QT2 Micro-inverters with each other		shop
10. MALE / FEMALE	Connectors to connect APS Bus cable (5C-AC-BUS-2.4)	E.g. to connect two rows Micro's on a flat Roof. Male and Female separate available.	shop
11. CONN-CAP	Sealing Cap for unused Bus connector		shop
12. BUS-ENDCAP	Endcap for 5C-cable		shop
DC Connectors and Cabling often used in combination with APsystems Micro-inverters			
HIS714085/HIS714086	Staubli Sealing cap MC4 socket / plug	To seal an unused connection on a APS micro-inverter	shop
APS-DC-EXT-CABLE-2M	DC Extension Cable 2 meter, assembled with Staubli MC4 M + F		shop
ATH-ASS6-1M-DCA	DC Extension Cable 1 meter, assembled with Staubli MC4 M + F		shop



1. Micro Inverter DS3-L / DS3 / QT2



2. ECU-R / ECU-B



3. CT



4. Y3-AC-BUS cable



5. Y3 (fe)male



6. Y3 conn-cap



7. Y3 endcap



8. Y3 unlock tool

Accessoires - Communication

Inverter Accessoires	Application	Compatible with	Stock
SolarEdge			
SE-ANT-ZBWIFI-KIT	Wifi antenna	For all SolarEdge Inverters, except Synergy	shop
SE-WFGW-B-S1-RW	Wireless Gateway, Communication-module establishing a closed network between inverter and router. Max. 8 inverters supported.	All SolarEdge SetApp Inverters	shop
SE-WFRPT-B-S1-RW	Repeater for Wireless Gateway	SE-WFGW-B-S1-RW	shop
SE-ANT-ENET-HB-01	SolarEdge Accessorie External Antenna for INLINE meter to amplify the signal	INLINE Meter	shop
SE-BI-NEUNU3P-01	Home Backup Interface for 3-Phase Home Hub Inverter, with built-in INLINE meter	SolarEdge Home Hub Inverters	shop
Goodwe			
GW-DLS-COMBINED	Combined Wifi / LAN module. Suitable for all recent Inverters except for HT-serie Ook te gebruiken i.p.v. GW-DLS-WIFI (G2) / GWLANMODULE (G2)	Almost all Goodwe Inverters	shop
GW-GSM-4G	4G Module: For connection with the Internet via 4G / LTE. SIMcard excluded.	Almost all Goodwe Inverters	shop
GW-WIFI-LAN-KIT-20	Combined Wifi / LAN / BT module. USB. Only for: DNS G3 (DNS-30), SDT G3 (SDT-30), XS G3 (XS-30), ES G2 (ES-20) and ET 15-30kW	Only for newest range of inverters	shop
Solis			
Solis-S3-WIFI-ST	Wifi module for Communication between Inverter and Router	All Solis Inverters	shop
Solis-DLD-RF-LINK	RF module, to make a closed Network-Connection between Inverter and Router via RF	All Solis Inverters	shop
Solis-S2-WL-ST	Combined Wifi / LAN module	All Solis Inverters	shop
Solis-S1-W4G-ST-4P-5	4G module: For Connection with the Internet via 4G	All Solis Inverters	shop
Enphase			
ENP-ENV-S-EM-230	IQ Gateway Metered, Communication-module with Two CT's in the box, which collects data from all micro's and transmits them to the Enlighten Portal	All Enphase IQ7 and IQ8 Micro Inverters, but not combined.	shop
ENP-ENV-S-WB-230	IQ Gateway Standard: Communication-module which collects data from all micro's and transmits them to the Enlighten Portal	All Enphase IQ7 and IQ8 Micro Inverters, but not combined.	shop
ENP-COMMS-KIT-EU-01	Enphase IQ Battery Communication Kit	Necessary for communication between battery and IQ Gateway Metered	shop

Storage

Perspective on Q2 and Q3 2024

Product Management

Storage – Hybrid Inverters

solaredge

GOODWE

 **solis**

	SolarEdge		GoodWe			Solis		
								
Series	Home Wave	3-phase StorEdge / Home Hub	N-EH-serie	ES-20 serie	ET-serie	EH1P	RHI / HVES	S6-EH3PxxK-H
Code	SExxxxH-RW000Bxxx	SExxK-RWx48BxN4	GWxxxxN-EH	ES-20 series	GWxxK(N)-ET-BackupSPD2	Solis-RHI-6K-48ES-5G Solis-S5-EH1PxxK-L	Solis-RHI-3PxxK-HVES-5G-DC	Solis-S6-EH3PxxK-H
Phase	1-phase	3-phase	1-phase	1-phase	3-phase	1-phase	3-phase	3-phase
Power	2.2/3/3,5/3,68/4/5/6kW	5/7/8/10 kW	3,6/5 kW	3/3,6/5 kW	5/6.5/8/10 kW 15/20/25/29.9 kW	3/3,6/4,6/5/6 kW	5/6/8/10 kW	12/15/20kW
Compatible battery	SE 400V	SE 48V	HV	LV	HV / Lynx F series	LV	HV	HV
Stock	Shop	Shop	Shop	Shop	Shop	Shop	Shop	Shop

For battery compatibility, see [Storage packages 2024 pdf](#)

For prices and most recent availability, go to the Libra Energy webshop: [Storage Inverters](#)

Storage – AC-retrofit Inverters

GOODWE

 **solis**

 **APsystems**
ALTENERGY POWER

	Goodwe AC-retrofit			Solis AC-retrofit	APsystems AC-retrofit
	  				
Series	BH-serie	S-BP-20 serie	BT-serie	RAI	ELS-5K
Code	GWxxxx-BH	GWxxxxS-BP-20	GWxxK-BT	Solis-RAI-3K-48ES-5G	APS-ELS-5K
Phase	1-phase	1-phase	3-phase	1-phase	1-phase
Power	3,6/5 kW	3,6/5 kW	5/8/10 kW	3 kW	5 kW
Compatible battery	HV	LV	HV	LV	LV
Stock	Shop	Shop	Shop	Shop	Shop

For battery compatibility, see [Storage packages 2024 pdf](#)

For prices and most recent availability, go to the Libra Energy webshop: [Storage Inverters](#)

Storage – Batterijen HV



	BYD		Pylontech	GoodWe
				
Series	BYD Battery-Box Premium HVS	BYD Battery-BOX Premium HVM	Force H2	Lynx Home F-serie
Usable capacity	5,1/7,7/10,2 kWh	8,3/11/13,8/ 16,6/19,3/22,1 kWh	7,1 – 14,2 kWh	6,6/9,8/13/16 kWh
HV/LV	HV-battery	HV-battery	HV-battery	HV-battery
Comment	Stackable, Modular expandable	Stackable, Modular expandable	Stackable, Modular expandable	Stackable, Modular expandable Compatible with GW EH-, BH-, ET- and BT-serie
Stock	Shop	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy webshop: [Storage - Batteries HV](#)

Storage – Batterijen LV



GOODWE



	Pylontech		BYD	Goodwe	APsystems
					
Series	US5000	Force L1	BYD Battery-Box Premium LVS	Lynx Home U-serie	Ampace 6.5KWh
Usable capacity	4,8 kWh	7,1 - 24,86 kWh	4/8/12 kWh	4,8 kWh	6,0 kWh
HV/LV	LV-battery	LV-battery	LV-battery	LV-battery	LV-battery
Comment	Rackmountable, Modular expandable	Stackable, Modular expandable	Stackable, Modular expandable	Compatible with: GW EM- , ES- and S-BP- series	Compatible with: APsystems ELS-5K
	Shop	Shop	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy webshop: [Storage - Batteries LV](#)

Storage – Batteries

solaredge

ENPHASE

	SolarEdge		Enphase	
				
Series	SolarEdge Home Battery 48V	SolarEdge Home Battery 400V	IQ battery-3T	IQ battery-10T
Usable capacity	4,6/9,2/13,8/18,4/23kWh	10kWh (max. 3x per inverter)	3,5kWh	10,5kWh
HV/LV/AC	LV-battery	HV-battery	AC-battery	AC-battery
Comment	Compatible with 3-phase Storedge and Home Hub (except Shortstring inverter)	Compatible with HD Wave, Home Wave and Shortstring inverter*	Only for Belgium, Germany and the Netherlands	Only for Belgium, Germany and the Netherlands
Stock	Shop	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy webshop: [Storage - Batteries](#)

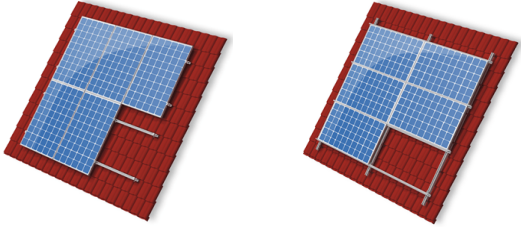
*Awaiting Firmware update

Mounting Materials

Perspective on Q2 and Q3 2024

Product Management



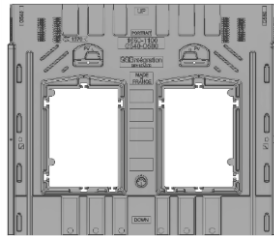
	Pitched roof		Flat roof			
						
Series	ValkPitched – Clamp	ValkPitched – Insert	Valk Pro+ South	Valk Pro+ East/West	Solar ramp	ValkBox3
Roof type	Roof tiles/ Corrugated/ Standing seam/ Slated roof/ Steel/ Tarmac EPDM/ PVC	Roof tiles/ Standing seam/ Corrugated/ Tarmac/ EPDM/ PVC	10 degrees	10 degrees	Double/ Triple/ Quattro	1 solo solar module
Layout	Portrait or landscape	Portrait or landscape	Portrait or landscape	Portrait or landscape	Landscape	Landscape
Stock	Shop	On request	Shop	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/solar/montagematerialen>

	Pitched roof		Flat roof
			
Series	ClickFit Basic	ClickFit EVO	FlatFix Fusion
Roof type	Roof tiles/ Corrugated/ Standing seam/ Slated roof/ Steel/ Tarmac	Pannen/ Golfplaten/ Staaldak/ Bitumen / Tarmac	South or East/West
Layout	Portrait or landscape	Portrait or landscape	Landscape / Portrait
Stock	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/solar/montagematerialen>

Portrait 2022



Portrait 2020



Product code	Panel size	Product code	Panel size
GSE-ART105155	H: 1610-1800 W: 1095-1100	GSE-PORTRAIT10	H: 1670-1780 W: 995-1000
GSE-ART105162	H: 1610-1800 W: 1130-1135	GSE-PORTRAIT14	H: 1670-1780 W: 1025-1030
GSE-ART105197	H: 1800-1990 W: 1025-1030	GSE-PORTRAIT14.5	H: 1670-1780 W: 1035-1040
GSE-ART105211	H: 1800-1990 W: 1130-1135	GSE-PORTRAIT17	H: 1670-1780 W: 1050-1055
		GSE-PORTRAIT1	H: 1600-1680 W: 987-992

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/solar/montagematerialen>

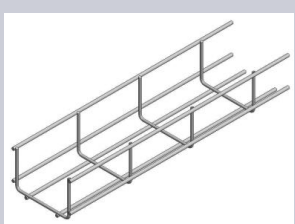
Cable management

Perspective on Q2 and Q3 2024

Product Management

Cable management



	Packages	Conduct loose trays	PVX Multimount	PVX Minimount	ValkCableCare
					
Cable trays	35x30 = 3 meter 65x60 65x100	65x60 65x100 65x150 65x400 65x500 65x600	Compatible	Compatible	60x50 60x100 60x200
Length	4x3= 12 meters	3 meters	Nvt	Nvt	3 meters
Material	EZ1000	EZ1000	HDPE	HDPE	Hot-dip galvanized
Base	✓	Conduct / PVX	✓	✓	✓
Lid	Optional	✓	Non applicable	Non applicable	✓
Lid connection	Optional	✓	Non applicable	Non applicable	✓
Quick connection	✓	✓	Non applicable	Non applicable	✓
Coupling clamp	✓	✓	Non applicable	Non applicable	✓
Partition	Optional	✓	Non applicable	Non applicable	✓

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/accessoires/kabelmanagement>

Chargers

Perspective on Q2 and Q3 2024

Product Management

AC-chargers business



	Alfen			Wallbox	Zaptec
					
Series	Alfen double pro-line	Alfen single pro-line	Alfen Twin	Wallbox Copper SB	Zaptec Pro
Max. 22 kW	✓	✓	✓	✓	✓
Cable or socket	Socket	Both	Socket	Socket	Socket
Length cable	-	5 or 8 meters	-	-	-
RFID	✓	✓	✓	✓	✓
Backoffice	E-Flux	E-Flux	OCPP / E-Flux (optional)	Wallbox / E-Flux	OCPP / E-Flux
Load balancing	✓	✓	✓	✓	✓
• P1 smart meter	✓	✓	✓	✓	✓
• EM	✓	✓	✓	✓	✓
• Charging hub	✓	✓	✓	✓	✓
Connectivity	GPRS / UTP	GPRS / UTP	GPRS / UTP	Wifi / UTP	Wifi / GPRS / PLC
PV Charging	-	-	-	✓	-
Color	White / Gray	White / Gray	Gray / Custom	Black	Black
Stock	Shop	Shop	Shop	Shop	Shop

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/e-mobility/overzicht>

AC-chargers home



	Alfen	Wallbox			Zaptec	SolarEdge	GoodWe
							
Series	Alfen single S-line	Wallbox Pulsar Plus	Wallbox Pulsar Max	Wallbox Pulsar Pro	Zaptec Go	SolarEdge Home EV-Lader	GoodWe HCA series
Max. 22 kW	Max 11 kW	✓	✓	✓	✓	✓	✓
Cable or socket	Both	Both	Cable	Cable	Socket	Cable	Cable
Length cable	5 or 8 meters	5 or 7 meters	5 or 7 meters	5 or 7 meters	-	6 meters	6 meters
RFID	✓	-	-	✓	✓	✓	-
Backoffice	E-Flux	Wallbox / E-Flux	Wallbox / E-Flux	Wallbox / E-flux	OCPP / E-Flux	MySolarEdge	GOODWE
Load balancing	✓	✓	✓	✓	✓	✓	✓
• P1 smart meter	✓	✓	✓	✓	✓	-	-
• EM	✓	✓	✓	✓	✓	✓	✓
• Charging hub	✓	-	Soon	✓	✓	-	-
Connectivity	UTP	Wifi	Wifi	Wifi / 4G	Wifi / GPRS / UTP	Wifi / UTP	Wifi
PV Charging	-	✓	✓	✓	✓	✓	✓
Color	White / Gray	Black / White	Black / White	Black	Black / White / Gray / Green / Blue / Brown	White	Silver
Stock	Shop	Shop	Shop	Shop	Shop	On request	On request

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/e-mobility/overzicht>

DC-chargers



	ABB	
		
Series	ABB Terra CE	ABB Terra DC Wallbox CE
Max kW	54 kW, 124kW, 184kW	24kW
Cable or socket	Cable	Cable
Length cable	2 x 3,9 meters or 3 x 3,9 meters	3,9 meters
RFID	✓	✓
Backoffice	OCPP	OCPP
Connectivity	UTP / GSM (3G, 4G)	UTP / GSM (3G, 4G)
Stock	On request	On request

Chargers – Accessories

Artikel	Toepassing	Opmerking / compatibiliteit	Voorraad
Alfen			
Carlo Gavazzi Energy meter	For load balancing	CG CT-clamps 250-400/5A	Shop
Wallbox			
Cable holder Black	Cable management	Wallbox chargers	Shop
Cable dock Black	Gun holder + cablemanagement	Wallbox chargers T2 connector	Shop
Energie meter 3-phase	For load balancing		Shop
P1 solution	For load balancing with smart meter	Wallbox chargers and smart meters	Shop
Zaptec			
Tibber Pulse	For Loadbalancing residential	Zaptec Go en Pro	Shop
Zaptec Chill	Kabelhouder	Zaptec Go en Pro	Shop
Zaptec P1 bundle	For loadbalancing	Zaptec Go and Pro	Shop
Onepole mounting pole	Back to back, daisy chaining possible	Zaptec Pro	Shop
EV-Go			
Universal mounting pole	Single or back to back	Alfen, Wallbox, Webasto	Shop
Plates for mounting chargers on pole	Various plates for the different chargers	Alfen, Wallbox, Webasto	Shop
Plastic mounting pole	Single or back to back	Universal	Shop
CED-P1	P1 extension module for load balancing	Universal	Shop
Backoffice			
E-flux	Backoffice system for settlements	Alfen, Wallbox	
XEMEX			
P1MB	P1 to ModBus module		Shop
CSMB	Current sense to Modbus Module		Shop



E-Flux
by road

For prices and most recent availability, go to the Libra Energy Webshop: <https://shop.libra.energy/nl/producten/e-mobility/accessoires>